



*Handwritten initials and a dollar sign.*

PATENT  
Customer No. 22,852  
Attorney Docket No. 07414.0036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No.: 6,744,502 B2 )  
Inventors: Louis B. HOFF et al. )  
Issue Date: June 1, 2004 )  
For: SHAPED ILLUMINATION )  
GEOMETRY AND INTENSITY USING )  
A DIFFRACTIVE OPTICAL ELEMENT )

Certificate  
JUL 12 2004  
of Correction

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

REQUEST FOR CERTIFICATE OF CORRECTION

Pursuant to 35 U.S.C. § 255, and 37 C.F.R. § 1.323, this is a request for a Certificate of Correction in the above-identified patent. The mistake identified in the appended Form is of a clerical or typographical nature, or of minor character, and resulted from an error made in good faith by patentees. This request is being filed further to Applicants' April 27, 2004 Request under 37 C.F.R. § 3.81(b) to correct the assignees' name prior to issuance. The submission also included a request to be considered as a petition under 37 C.F.R. § 1.183. A duplicate copy of the April 27, 2004 Request, together with confirmation from the Office of receipt by facsimile, are enclosed with the present Request.

A check in the amount of \$100.00 (the fee set forth in 37 C.F.R. § 1.20(a)) is attached. Should a check not be appended or should any additional fees be needed,

07/09/2004 MHEKONE1 00000014 6744502

01 FC:1811

100.00 OP

12 JUL 2004

authorization is hereby given to charge any fees due in connection with the filing of this request to Deposit Account No. 06-0916.

Two (2) copies of PTO Form 1050 are appended. Issuance of the Certificate of Correction containing the correction is earnestly requested.

Please charge any required fees not included herewith to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: July 7, 2004

By: 

Mark J. Feldstein  
Reg. No. 46,693

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. 6,744,502 B2  
DATED: June 1, 2004  
INVENTORS: Louis B. HOFF et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, item (73), in the Assignee, "PE Corporation (NY), Foster City, CA(US)" should read --Applera Corporation, Foster City, CA (US)--.

**MAILING ADDRESS OF SENDER**

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Patent No. 6,744,502 B2

No. of additional copies  
@ .30¢ per page

12 JUL 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. 6,744,502 B2  
DATED: June 1, 2004  
INVENTORS: Louis B. HOFF et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, item (73), in the Assignee, "PE Corporation (NY), Foster City, CA(US)" should read --Applera Corporation, Foster City, CA (US)--.

MAILING ADDRESS OF SENDER

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Patent No. 6,744,502 B2

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12 JUL 2004

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TO: Fax Sender at 202 408 4400

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Received  
Cover  
Page

=====>

APR 27 2004 13:28 FR FINNEGAN HENDERSON 202 408 4400 TO 6142074140036\*00 P.01

LAW OFFICES  
**FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**  
1300 I Street, N.W.  
Washington, DC 20005

Telephone  
(202) 408-4000

Facsimile  
(202) 408-4400

### FACSIMILE TRANSMITTAL

To: Patent Publications Office  
Firm: USPTO  
Fax No.: 703-872-9306 Phone No.: 703-308-6789  
Application No. 09/984,778  
Subject: Atty. Doc. 07414.0036 Date: April 27, 2004


From: Mark J. Feldstein Phone No.: 202-408-4092  
Fax # Verified by: R. Hogan - MD 216 No. of Pages (incl. this page) 11

Confirmation Copy to Follow: No

### Message:

#### CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8

I hereby certify that the attached papers, "Request Under 37 C.F.R. § 3.81(b) to Correct Name of Assignee After Issue Fee Payment but Prior to Issuance, Copy of PTOL-85B as filed on April 12, 2004, Corrected PTOL-85B showing the corrected assignee information and a copy of the February 12, 2003, Notice of Recordation" are being transmitted by facsimile to the U.S. Patent and Trademark Office on the above-identified date.

  
Mark J. Feldstein  
Reg. No. 46,693

CEVH/MJF/rah

If there is a problem with this transmission, notify fax room at (202) 408-4174 or the sender at the number above.

This facsimile is intended only for the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If you have received this facsimile in error, please notify the sender immediately by telephone (collect), and return the original message by first-class mail to the above address.



PATENT  
Customer No. 22,852  
Attorney Docket No. 07414.0036

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	) Allowed: January 20, 2004
Louis B. HOFF et al.	)
Application No.: 09/964,778	) Group Art Unit: 2877
Filed: September 28, 2001	)
For: SHAPED ILLUMINATION	) Examiner: L. Lauchman
GEOMETRY AND INTENSITY USING	)
A DIFFRACTIVE OPTICAL ELEMENT	)

**Patent Publication Office**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST UNDER 37 C.F.R. § 3.81(b) TO CORRECT NAME OF  
ASSIGNEE AFTER ISSUE FEE PAYMENT BUT PRIOR TO ISSUANCE**

In accordance with 37 C.F.R. § 3.81(b), Applicants request the Commissioner to correct prior to issuance the assignee's name from Applicants completed form PTOL-85B, filed on April 12, 2004. The complete assignee information, as recorded on January 14, 2003, at reel/frame 013367/0173, is enclosed. Accordingly, the correct assignee information on the face of the patent should read as follows:

(A) NAME OF ASSIGNEE

APPLERA CORPORATION

(B) RESIDENCE:

FOSTER CITY, CALIFORNIA

Applicants include herewith:

(1) a copy of the PTOL-85B, as filed on April 12, 2004, now marked "Incorrect Assignee Information."

(2) a corrected PTOL-85B, showing the corrected assignee information, marked "Corrected Assignee Information," and

(3) a copy of the February 12, 2003, Notice of Recordation showing recordation on January 14, 2003, at Reel 013367, Frame 0173 of the assignment to Applera Corporation for Application No. 09/964,778 (page 5, entry number 12).

Please make the appropriate correction prior to issuance. If necessary to effect the above-identified correction, please consider this request to be a petition under 37 CFR § 1.183.

To the extent any extension of time under 37 C.F.R. § 1.136 is required to obtain entry of this request, such extension is hereby respectfully requested. If there are any fees due under 37 C.F.R. §§ 1.16 or 1.17 which are not enclosed herewith, including any fees required for an extension of time under 37 C.F.R. § 1.136, please charge such fees to our Deposit Account No. 06-0916.

The Office is requested to contact Applicants' undersigned representative by telephone at (202) 408-4092 to resolve any formal matters related to the requested correction.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: April 27, 2004

By: 

Mark J. Feldstein  
Reg. No. 46,693

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating the "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

01/20/2004

Finnegan, Henderson, Farabow,  
 Garrett & Dunner, L.L.P.  
 1300 I Street, N.W.  
 Washington, DC 20005-3315



Note: A certificate of mailing is only required for domestic mailings of the Fee(s) Transmittal. This certificate is not required for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing for transmission.

I hereby certify that the Fee(s) Transmittal is being deposited with the United States Postal Service for first class mail in an envelope addressed to the ISSUE FEE address above, or being facsimile transmitted to the USPTO on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAME OF INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/564,778	09/28/2001		7414.0036-00	3015

TITLE OF INVENTION: SHAPED ILLUMINATION GEOMETRY AND METHOD FOR USING A DIFFRACTIVE OPTICAL ELEMENT

APPLN. TYPE	SMALL ENTITY	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$300	\$1630	04/20/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LAUCHMAN, LAYLA	2877	356-317000

1. Change of correspondence address (Use "FEE Address" (37 CFR 1.363)).

- ☐ Change of correspondence address (Change of Correspondence Address form PTO/SB/47) attached.
- ☒ "FEE Address" in the "FEE Address" Indication form PTO/SB/47; Rev 03-01 (must be attached. Use of a Customer Number is required).

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Finnegan, Henderson,  
 2 Farabow, Garrett &  
 3 Dunner, L.L.P.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

PE CORPORATION (NY)

FOSTER CITY, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent):

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-0916 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Mark J. Feldstein (Date) 04/12/2004  
 Mark J. Feldstein, Reg. No. 46,693

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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## PART B - FEE(S) TRANSMITTAL

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**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (703) 746-4000**

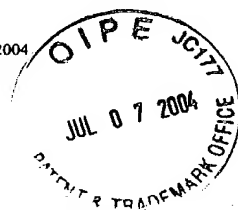
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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

01/20/2004

Finnegan, Henderson, Farabow,  
 Garrett & Dunner, L.L.P.  
 1300 I Street, N.W.  
 Washington, DC 20005-3315



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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

\*\*\*CORRECTED ASSIGNEE INFORMATION\*\*\*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,778	09/28/2001	Louis B. Hoff	7414.0036-00	3015

TITLE OF INVENTION: SHAPED ILLUMINATION GEOMETRY AND INTENSITY USING A DIFFRACTIVE OPTICAL ELEMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	04/20/2004
EXAMINER		ART UNIT	CLASS-SUBCLASS		
LAUCHMAN, LAYLA G		2877	356-317000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Finnegan, Henderson,  
 2 Farabow, Garrett &  
 3 Dunner, L.L.P.

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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE—CORRECTED

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

~~XXXXXXXXXXXXXXXXXXXX~~

FOSTER CITY, CALIFORNIA

APPLERA CORPORATION

Please check the appropriate assignee category or categories (will not be printed on the patent):

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-0916 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

*Mark J. Feldstein*  
 (Date) 04/12/2004

Mark J. Feldstein, Reg. No. 46,693

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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CORRECTED  
NOTICE

FEBRUARY 12, 2003

APPLIED BIOSYSTEMS GROUP  
JEFFERY D. FRAZIER  
850 LINCOLN CENTRE DRIVE  
FOSTER CITY, CA 94404-1128

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PTAS LEGAL DEPT  
Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

FEB 24 2003

DOCKETED YES NO



\*102354013A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/14/2003

REEL/FRAME: 013367/0173  
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
PE CORPORATION (NY)

DOC DATE: 06/28/2002

ASSIGNEE:  
APPLERA CORPORATION  
APPLIED BIOSYSTEMS GROUP  
850 LINCOLN CENTRE DRIVE  
FOSTER CITY, CALIFORNIA 94404-1128

194203 SERIAL NUMBER: 09724635  
PATENT NUMBER:

FILING DATE: 11/28/2000  
ISSUE DATE:

4179015 SERIAL NUMBER: 10167337  
PATENT NUMBER:

FILING DATE: 06/10/2002  
ISSUE DATE:

4179016 SERIAL NUMBER: 10170044  
PATENT NUMBER:

FILING DATE: 06/10/2002  
ISSUE DATE:

422106 SERIAL NUMBER: 10040539  
PATENT NUMBER:

FILING DATE: 12/28/2001  
ISSUE DATE:

4266C1 SERIAL NUMBER: 09885292  
PATENT NUMBER:

FILING DATE: 06/19/2001  
ISSUE DATE:

4273C2 SERIAL NUMBER: 10293236  
PATENT NUMBER:

FILING DATE: 11/12/2002  
ISSUE DATE:

4291C2 SERIAL NUMBER: 09628076  
PATENT NUMBER:

FILING DATE: 07/28/2000  
ISSUE DATE:

4291C3 SERIAL NUMBER: 09627580  
PATENT NUMBER:

FILING DATE: 07/28/2000  
ISSUE DATE:

4294D1 SERIAL NUMBER: 09593312  
PATENT NUMBER: 6514699

FILING DATE: 06/13/2000  
ISSUE DATE: 02/04/2003

4299C2 SERIAL NUMBER: 09976842  
PATENT NUMBER:

FILING DATE: 10/11/2001  
ISSUE DATE:

4303C4 SERIAL NUMBER: 10014743  
PATENT NUMBER:

FILING DATE: 10/29/2001  
ISSUE DATE:

4309C3 SERIAL NUMBER: 09578920  
PATENT NUMBER:

FILING DATE: 05/25/2000  
ISSUE DATE:

4314C3 SERIAL NUMBER: 10192776  
PATENT NUMBER:

FILING DATE: 07/09/2002  
ISSUE DATE:

4320 SERIAL NUMBER: 09616596  
PATENT NUMBER:

FILING DATE: 07/14/2000  
ISSUE DATE:

4329 SERIAL NUMBER: 10038974  
PATENT NUMBER:

FILING DATE: 01/04/2002  
ISSUE DATE:

4340C2 SERIAL NUMBER: 10038520  
PATENT NUMBER:

FILING DATE: 10/22/2001  
ISSUE DATE:

4347C1 SERIAL NUMBER: 10104774  
PATENT NUMBER:

FILING DATE: 03/21/2002  
ISSUE DATE:

4347D1 SERIAL NUMBER: 09326828  
PATENT NUMBER:

FILING DATE: 06/03/1999  
ISSUE DATE:

4345D3 SERIAL NUMBER: 09969430  
PATENT NUMBER:

FILING DATE: 10/02/2001  
ISSUE DATE:

4345I2 SERIAL NUMBER: 09724855  
PATENT NUMBER:

FILING DATE: 11/28/2000  
ISSUE DATE:

4375C1 SERIAL NUMBER: 10085561  
PATENT NUMBER:

FILING DATE: 02/26/2002  
ISSUE DATE:

4377I1 SERIAL NUMBER: 09204865  
PATENT NUMBER:

FILING DATE: 12/03/1998  
ISSUE DATE:

4378D1	SERIAL NUMBER: 09602544 PATENT NUMBER:	FILING DATE: 06/21/2000 ISSUE DATE:
4380C1	SERIAL NUMBER: 09717946 PATENT NUMBER:	FILING DATE: 11/20/2000 ISSUE DATE:
4380C2	SERIAL NUMBER: 09717707 PATENT NUMBER:	FILING DATE: 11/20/2000 ISSUE DATE:
4380I3	SERIAL NUMBER: 10206846 PATENT NUMBER:	FILING DATE: 07/26/2002 ISSUE DATE:
4389C1	SERIAL NUMBER: 10092022 PATENT NUMBER:	FILING DATE: 03/05/2002 ISSUE DATE:
4390	SERIAL NUMBER: 09138433 PATENT NUMBER:	FILING DATE: 08/21/1998 ISSUE DATE:
4392RE	SERIAL NUMBER: 10073899 PATENT NUMBER:	FILING DATE: 02/14/2002 ISSUE DATE:
4396D1	SERIAL NUMBER: 09612829 PATENT NUMBER:	FILING DATE: 07/07/2000 ISSUE DATE:
439602	SERIAL NUMBER: 10288405 PATENT NUMBER:	FILING DATE: 11/04/2002 ISSUE DATE:
4398C2	SERIAL NUMBER: 09946074 PATENT NUMBER:	FILING DATE: 09/04/2001 ISSUE DATE:
4400C1	SERIAL NUMBER: 10209565 PATENT NUMBER:	FILING DATE: 07/30/2002 ISSUE DATE:
4402	SERIAL NUMBER: 09250422 PATENT NUMBER:	FILING DATE: 02/16/1999 ISSUE DATE:
4406C1	SERIAL NUMBER: 10016979 PATENT NUMBER:	FILING DATE: 12/12/2001 ISSUE DATE:
4407C2	SERIAL NUMBER: 10010717 PATENT NUMBER:	FILING DATE: 11/07/2001 ISSUE DATE:
4410C1	SERIAL NUMBER: 09955554 PATENT NUMBER:	FILING DATE: 09/18/2001 ISSUE DATE:
4414D4	SERIAL NUMBER: 10199743 PATENT NUMBER:	FILING DATE: 07/19/2002 ISSUE DATE:
4414I2	SERIAL NUMBER: 10104335 PATENT NUMBER:	FILING DATE: 03/22/2002 ISSUE DATE:
4419C1	SERIAL NUMBER: 10112677 PATENT NUMBER:	FILING DATE: 03/28/2002 ISSUE DATE:

4422	SERIAL NUMBER: 09154178 PATENT NUMBER:	FILING DATE: 09/16/1998 ISSUE DATE:
4422I1	SERIAL NUMBER: 09927791 PATENT NUMBER:	FILING DATE: 08/10/2001 ISSUE DATE:
442401	SERIAL NUMBER: 10211131 PATENT NUMBER:	FILING DATE: 08/02/2002 ISSUE DATE:
4424I1	SERIAL NUMBER: 09506870 PATENT NUMBER:	FILING DATE: 02/15/2000 ISSUE DATE:
4442C1	SERIAL NUMBER: 10010659 PATENT NUMBER:	FILING DATE: 12/06/2001 ISSUE DATE:
4470	SERIAL NUMBER: 09908994 PATENT NUMBER:	FILING DATE: 07/17/2001 ISSUE DATE:
4480C1	SERIAL NUMBER: 09075392 PATENT NUMBER:	FILING DATE: 05/08/1998 ISSUE DATE:
4485	SERIAL NUMBER: 09606006 PATENT NUMBER:	FILING DATE: 06/29/2000 ISSUE DATE:
4495I1	SERIAL NUMBER: 09976168 PATENT NUMBER:	FILING DATE: 10/11/2001 ISSUE DATE:
4498C1	SERIAL NUMBER: 10099738 PATENT NUMBER:	FILING DATE: 03/15/2002 ISSUE DATE:
450304	SERIAL NUMBER: 09481552 PATENT NUMBER:	FILING DATE: 01/11/2000 ISSUE DATE:
4524	SERIAL NUMBER: 09351660 PATENT NUMBER:	FILING DATE: 07/13/1999 ISSUE DATE:
4525	SERIAL NUMBER: 09486424 PATENT NUMBER:	FILING DATE: 07/17/2000 ISSUE DATE:
4529	SERIAL NUMBER: 09700536 PATENT NUMBER:	FILING DATE: 11/29/2001 ISSUE DATE:
4529C1	SERIAL NUMBER: 10216620 PATENT NUMBER:	FILING DATE: 08/09/2002 ISSUE DATE:
4536	SERIAL NUMBER: 09897500 PATENT NUMBER: 6514750	FILING DATE: 07/03/2001 ISSUE DATE: 02/04/2003
4543	SERIAL NUMBER: 09909001 PATENT NUMBER:	FILING DATE: 07/18/2001 ISSUE DATE:
4545	SERIAL NUMBER: 09724613 PATENT NUMBER:	FILING DATE: 11/28/2000 ISSUE DATE:

45451	SERIAL NUMBER: 09997169 PATENT NUMBER:	FILING DATE: 11/28/2001 ISSUE DATE:
4555	SERIAL NUMBER: 09724766 PATENT NUMBER: 6503716	FILING DATE: 11/28/2000 ISSUE DATE: 01/07/2003
4568	SERIAL NUMBER: 09862224 PATENT NUMBER:	FILING DATE: 05/21/2001 ISSUE DATE:
4581	SERIAL NUMBER: 09886011 PATENT NUMBER:	FILING DATE: 06/22/2001 ISSUE DATE:
4590	SERIAL NUMBER: 09812750 PATENT NUMBER:	FILING DATE: 03/19/2001 ISSUE DATE:
4591	SERIAL NUMBER: 09564790 PATENT NUMBER:	FILING DATE: 05/05/2000 ISSUE DATE:
4597	SERIAL NUMBER: 09668960 PATENT NUMBER:	FILING DATE: 09/25/2000 ISSUE DATE:
4601C1	SERIAL NUMBER: 10227058 PATENT NUMBER:	FILING DATE: 08/21/2002 ISSUE DATE:
4610	SERIAL NUMBER: 09850514 PATENT NUMBER:	FILING DATE: 05/07/2001 ISSUE DATE:
4647	SERIAL NUMBER: 09836704 PATENT NUMBER:	FILING DATE: 04/16/2001 ISSUE DATE:
4657	SERIAL NUMBER: 09977225 PATENT NUMBER:	FILING DATE: 10/16/2001 ISSUE DATE:
4658	SERIAL NUMBER: 09964778 PATENT NUMBER:	FILING DATE: 09/28/2001 ISSUE DATE:
4660	SERIAL NUMBER: 09938947 PATENT NUMBER:	FILING DATE: 08/24/2001 ISSUE DATE:
4662	SERIAL NUMBER: 10011993 PATENT NUMBER:	FILING DATE: 12/05/2001 ISSUE DATE:
4688	SERIAL NUMBER: 10091231 PATENT NUMBER:	FILING DATE: 03/04/2002 ISSUE DATE:
4693	SERIAL NUMBER: 09846855 PATENT NUMBER:	FILING DATE: 05/01/2001 ISSUE DATE:
4695	SERIAL NUMBER: 10109104 PATENT NUMBER:	FILING DATE: 03/27/2002 ISSUE DATE:
4696	SERIAL NUMBER: 10058927 PATENT NUMBER:	FILING DATE: 01/30/2002 ISSUE DATE:

4702	SERIAL NUMBER: 10055517 PATENT NUMBER:	FILING DATE: 01/23/2002 ISSUE DATE:
4704	SERIAL NUMBER: 10050188 PATENT NUMBER:	FILING DATE: 01/14/2002 ISSUE DATE:
4717	SERIAL NUMBER: 09998887 PATENT NUMBER:	FILING DATE: 10/31/2001 ISSUE DATE:
4727	SERIAL NUMBER: 09938894 PATENT NUMBER:	FILING DATE: 08/24/2001 ISSUE DATE:
4734	SERIAL NUMBER: 09994495 PATENT NUMBER:	FILING DATE: 11/26/2001 ISSUE DATE:
4740	SERIAL NUMBER: 10142514 PATENT NUMBER:	FILING DATE: 05/09/2002 ISSUE DATE:
4742	SERIAL NUMBER: 10151061 PATENT NUMBER:	FILING DATE: 05/16/2002 ISSUE DATE:
4745	SERIAL NUMBER: 09850590 PATENT NUMBER:	FILING DATE: 05/07/2001 ISSUE DATE:
4780	SERIAL NUMBER: 09938767 PATENT NUMBER:	FILING DATE: 08/24/2001 ISSUE DATE:
4785	SERIAL NUMBER: 09955608 PATENT NUMBER:	FILING DATE: 09/19/2001 ISSUE DATE:
4805	SERIAL NUMBER: 10144179 PATENT NUMBER:	FILING DATE: 05/09/2002 ISSUE DATE:
4856	SERIAL NUMBER: 10134196 PATENT NUMBER:	FILING DATE: 04/26/2002 ISSUE DATE:
4928	SERIAL NUMBER: 10087541 PATENT NUMBER:	FILING DATE: 03/01/2002 ISSUE DATE:
5011	SERIAL NUMBER: 09526131 PATENT NUMBER:	FILING DATE: 03/15/2000 ISSUE DATE:
5013	SERIAL NUMBER: 10085142 PATENT NUMBER:	FILING DATE: 03/01/2002 ISSUE DATE:
4380	SERIAL NUMBER: 08968208 PATENT NUMBER:	FILING DATE: 11/12/1997 ISSUE DATE:

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ASSIGNMENT DIVISION  
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